

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/721,763  
Source: iFwo  
Date Processed by STIC: 7/29/05

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 07/29/2005

PATENT APPLICATION: US/10/721,763

TIME: 13:30:07

Input Set : A:\PH-1573PCT(Sequence Listing).TXT

Output Set: N:\CRF4\07292005\J721763.raw

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3 <110> APPLICANT: KIRIN BEER KABUSHIKI KAISHA
5 <120> TITLE OF INVENTION: ANTI TRAIL-R ANTIBODY
7 <130> FILE REFERENCE: PH-1573-PCT
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/721,763
C--> 10 <141> CURRENT FILING DATE: 2003-11-26
12 <150> PRIOR APPLICATION NUMBER: JP2001-150213
13 <151> PRIOR FILING DATE: 2001-05-18
15 <150> PRIOR APPLICATION NUMBER: JP2001-243040
16 <151> PRIOR FILING DATE: 2001-08-09
18 <150> PRIOR APPLICATION NUMBER: JP2001-314489
19 <151> PRIOR FILING DATE: 2001-10-11
21 <160> NUMBER OF SEQ ID NOS: 45
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28 <213> ORGANISM: Artificial Sequence
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51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial Sequence
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63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA

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69 <400> SEQUENCE: 4
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75 <212> TYPE: DNA
76 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
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88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
93 <400> SEQUENCE: 6
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102 <220> FEATURE:
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105 <400> SEQUENCE: 7
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111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
117 <400> SEQUENCE: 8
118 gtgcacgccg ctggtcaggg cgcctg                                  26
121 <210> SEQ ID NO: 9
122 <211> LENGTH: 23
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
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150 <220> FEATURE:
151 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
153 <400> SEQUENCE: 11
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158 <211> LENGTH: 26
159 <212> TYPE: DNA
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
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166 gttgaagctc tttgtgacgg gcgagc 26
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170 <211> LENGTH: 26
171 <212> TYPE: DNA
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175 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
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184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
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195 <212> TYPE: DNA
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198 <220> FEATURE:
199 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
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206 <211> LENGTH: 467
207 <212> TYPE: DNA
208 <213> ORGANISM: Homo sapiens
210 <400> SEQUENCE: 16
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212 tgtggttctt cctcctgctg gtggcggctc ccagatgggt cctgtcccag ctgcagctgc 120
213 aggagtcggg cccaggactg gtgaagcctt cggagaccct gtccttcacc tgcactgtct 180

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214 ctgggtggctc catcatcagt aaaagttcct actgggggctg gatccgccag cccccagggg 240  
 215 agggggtgga gtggattggg agtatctatt atagtgggag taccttctac aaccgcgtccc 300  
 216 tcaagagtcg agtcaccata tccgtagaca cgtccaagaa ccagttctcc ctgaagctga 360  
 217 gctctgtgac cgccgcagac acggtgtgtg attactgtgc gagactgaca gtggctgagt 420  
 218 ttgactactg gggccagggg accctgggtca ccgtctcctc agctagc 467

221 &lt;210&gt; SEQ ID NO: 17

222 &lt;211&gt; LENGTH: 146

223 &lt;212&gt; TYPE: PRT

224 &lt;213&gt; ORGANISM: Homo sapiens

226 &lt;400&gt; SEQUENCE: 17

227 Met Asp Leu Met Cys Lys Lys Met Lys His Leu Trp Phe Phe Leu Leu

228 1 5 10 15

230 Leu Val Ala Ala Pro Arg Trp Val Leu Ser Gln Leu Gln Leu Gln Glu

231 20 25 30

233 Ser Gly Pro Gly Leu Val Lys Pro Ser Glu Thr Leu Ser Leu Thr Cys

234 35 40 45

236 Thr Val Ser Gly Gly Ser Ile Ile Ser Lys Ser Ser Tyr Trp Gly Trp

237 50 55 60

239 Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile Gly Ser Ile Tyr

240 65 70 75 80

242 Tyr Ser Gly Ser Thr Phe Tyr Asn Pro Ser Leu Lys Ser Arg Val Thr

243 85 90 95

245 Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser

246 100 105 110

248 Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Thr Val

249 115 120 125

251 Ala Glu Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser

252 130 135 140

254 Ala Ser

255 145

258 &lt;210&gt; SEQ ID NO: 18

259 &lt;211&gt; LENGTH: 421

260 &lt;212&gt; TYPE: DNA

261 &lt;213&gt; ORGANISM: Homo sapiens

263 &lt;400&gt; SEQUENCE: 18

264 tcacagatct ctcaagttagg acccagaggg aaccatggaa gccccagctc agcttctctt 60

265 cctcctgcta ctctggctcc cagataccac cggagaaatt gtgttgacac agtctccagc 120

266 caccctgtct ttgtctccag gggaaagagc caccctctcc tgcagggcca gtcagagtgt 180

267 tagcagcttc ttagcctggt accaacagaa acctggccag gctcccaggc tctcatcta 240

268 tgatgcatcc aacagggcca ctggcatccc agccagggttc agtggcagtg ggtctgggac 300

269 agacttcaact ctcaccatca gcagcctaga gcctgaagat tttgcagttt attactgtca 360

270 gcagcgtagc aactggcctc tcactttcgg ccctgggacc aaagtggata tcaaacgtac 420

271 g 421

274 &lt;210&gt; SEQ ID NO: 19

275 &lt;211&gt; LENGTH: 129

276 &lt;212&gt; TYPE: PRT

277 &lt;213&gt; ORGANISM: Homo sapiens

279 &lt;400&gt; SEQUENCE: 19

280 Met Glu Ala Pro Ala Gln Leu Leu Phe Leu Leu Leu Trp Leu Pro

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281      1              5              10              15
283 Asp Thr Thr Gly Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser
284              20              25              30
286 Leu Ser Pro Gly Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser
287              35              40              45
289 Val Ser Ser Phe Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro
290              50              55              60
292 Arg Leu Leu Ile Tyr Asp Ala Ser Asn Arg Ala Thr Gly Ile Pro Ala
293 65              70              75              80
295 Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser
296              85              90              95
298 Ser Leu Glu Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Arg Ser
299              100             105             110
301 Asn Trp Pro Leu Thr Phe Gly Pro Gly Thr Lys Val Asp Ile Lys Arg
302              115             120             125

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304 Thr

308 &lt;210&gt; SEQ ID NO: 20

309 &lt;211&gt; LENGTH: 467

310 &lt;212&gt; TYPE: DNA

311 &lt;213&gt; ORGANISM: Homo sapiens

313 &lt;400&gt; SEQUENCE: 20

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314 gtcgactacg ggggggcttt ctgagagtca tggatctcat gtgcaagaaa atgaagcacc 60
315 tgtggttctt cctcctgctg gtggcggtc ccagatgggt cctgtcccag ttgcagctgc 120
316 aggagtcggg cccaggactg gtgaagccct cggagaccct gtccctcacc tgcactgtct 180
317 ctggtggctc catcagcagt aggagtaact actggggctg gatccgccag cccccaggga 240
318 aggggctgga gtggattggg aatgtctatt atagaggag cacctactac aattcgtccc 300
319 tcaagagtcg agtcaccata tccgtagaca cgtccaagaa ccagttctcc ctgaagctga 360
320 gctctgtgac cgctgcagac acggctgtgt attactgtgc gagactgtca gtggctgagt 420
321 ttgactactg gggccaggga atcctgggtca ccgtctcctc agctagc 467

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324 &lt;210&gt; SEQ ID NO: 21

325 &lt;211&gt; LENGTH: 146

326 &lt;212&gt; TYPE: PRT

327 &lt;213&gt; ORGANISM: Homo sapiens

329 &lt;400&gt; SEQUENCE: 21

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330 Met Asp Leu Met Cys Lys Lys Met Lys His Leu Trp Phe Phe Leu Leu
331      1              5              10              15
333 Leu Val Ala Ala Pro Arg Trp Val Leu Ser Gln Leu Gln Leu Gln Glu
334              20              25              30
336 Ser Gly Pro Gly Leu Val Lys Pro Ser Glu Thr Leu Ser Leu Thr Cys
337              35              40              45
339 Thr Val Ser Gly Gly Ser Ile Ser Ser Arg Ser Asn Tyr Trp Gly Trp
340              50              55              60
342 Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile Gly Asn Val Tyr
343 65              70              75              80
345 Tyr Arg Gly Ser Thr Tyr Tyr Asn Ser Ser Leu Lys Ser Arg Val Thr
346              85              90              95
348 Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Ser Ser
349              100             105             110
351 Val Thr Val Ala Asp Thr Ala Val Tyr Tyr Cys Ala Arg Leu Ser Val

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VERIFICATION SUMMARY

DATE: 07/29/2005

PATENT APPLICATION: US/10/721,763

TIME: 13:30:08

Input Set : A:\PH-1573PCT(Sequence Listing).TXT

Output Set: N:\CRF4\07292005\J721763.raw

L:9 M:270 C: Current Application Number differs, Replaced Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date